

## Workstations & Workgroup Servers Option Compatibility & Pricing

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Option	Description	List Price	Discount Category	SS 5	Ultra 1 170	Ultra 1 170E, 200E	Ultra 2	Ultra 30	Ultra 4000
X132M	32MB memory expansion (32MB JEDEC SIMM Module)	\$575	A*	✓					
X180A	SunButtons™ - 32-key function I/O device	\$1,400	A	✓	✓ S	✓	✓	✓	
X190A	SunDials™ - 8-dial interactive graphics I/O device for 3-D	\$1,800	A	✓	✓ S	✓	✓	✓	
X267A	20" color monitor	\$2,100	A	✓	✓ S	✓	✓ S	✓	
X268A	17" Premium color monitor	\$1,400	A	✓	✓ S	✓	✓ S	✓	
X453A	SBus Ethernet Controller. Includes Thin Ethernet transceiver and Thick and Thin Ethernet connectors. <b>NOTE:</b> Only one SBus Ethernet Controller can be added to systems with one internal disk.	\$400	A	✓					
X488A	Multimedia Kit, SunVideo, Camera and Documentation, US NTSC version. <b>NOTE:</b> Requires Solaris 2.4 or later.	\$1,895	A	✓	✓	✓	✓		
X659A	2.1GB 5400 RPM Internal Fast SCSI-2 SC expansion disk.	\$800	A*	✓					
X795A	Controller Assembly w/ 15-meter Fibre Channel Cable	\$13,000	A		✓	✓	✓		✓
X907A	Auxiliary IEC power cable, 1.5 meter	\$15	N/D		✓	✓			
X908A	Auxiliary IEC power cable, 2.5 meter	\$15	N/D		✓	✓			
(X)954A	Power/Cooling Module, 300W.	\$1,800	A						✓
X956A	Enterprise Expansion Cabinet	\$8,000	A						✓
X972A	Rack-mount rails for Enterprise 4000	\$450	A						✓
X976A	Centronics-compatible parallel port adapter cable	\$75	B	✓					
X981A	AUI Only Adapter Cable	\$75	B	✓					
X1004A	Token Ring Interface / SBus (TRI/S) for Solaris 1.x <b>NOTE:</b> Requires Solaris 1.1.1 Version B or higher.	\$1,495	B	✓					
X1008A	Serial Parallel Controller <b>NOTE:</b> Requires Solaris 1.x, 2.3 or later	\$1,095	A	✓	✓ S	✓	✓ S		
X1009A	High-Speed Serial Interface / SBus (HSI/S) for Solaris 1.x <b>NOTE:</b> Requires Solaris 1.1.1 Version B or higher.	\$2,495	B	✓					
X1012A	Sun ISDN Expansion Kit 1.0.3, SunISDN card, certification labels, Sun ISDN Enabling Kit <b>NOTE:</b> Requires Solaris 2.3 or higher. In North America, a Network Termination (NT1) device is required; available from third-party vendors.	\$595	A	✓	✓ S	✓	✓ S		5
X1014A	Token Ring Interface / SBus (TRI/S) (Solaris 2.x) <b>NOTE:</b> Requires Solaris 2.3, Hardware: 5/94 or higher.	\$1,350	B	✓	✓ S	✓	✓ S		4
X1018A	SunSwift SBus Adapter <b>NOTE:</b> Requires Solaris 2.5 or higher.	\$1,095	A	✓	✓ S	✓	✓ S		15 <sup>7</sup>

<sup>1</sup> Solaris 2.3 Hardware: 5/94 or later required.

<sup>2</sup> Solaris 2.3 Hardware: 5/94 or later required. Also supported on SS5 with Solaris 2.3 Ed. II.

<sup>3</sup> SWIS/S host adapter with Solaris 2.3 or later required for wide SCSI functionality.

<sup>4</sup> 68-68pin cables are required to connect a UniPack to another UniPack or to a wide SCSI host adapter.

<sup>5</sup> 50-68pin cables are required to connect a UniPack to a 50pin SCSI host adapter or desktop storage or disk pack.

<sup>6</sup> For use outside of N.A., Europe, or Asia, order a localized power cord at no charge.

<sup>7</sup> An "X" in front of an Order Number signifies a standalone order for existing systems.

<sup>8</sup> Append "R4" in back of an Order Number for factory-installation in Expansion Cabinet.

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X1019A	High-Speed Serial Interface / SBus (HSI/S) (Solaris 2.x) <b>NOTE:</b> Requires Solaris 2.3, Hardware: 5/94 or higher.	\$2,275	B	✓	✓ S		✓ S		4
X1021A	Sun SBus Prestoserve™ NFS Accelerator	\$2,995	A	✓	✓ S	✓	✓ S		
X1025A	SunFDDI Single-Wide, Single-Attach SBus Adapter (SAS) 5.0 <b>NOTE:</b> Requires Solaris 2.5 or later Solaris 2.x release.	\$2,500	A	✓	✓ S	✓	✓ S		3 <sup>7</sup>
X1026A	SunFDDI Single-Wide, Dual-Attach SBus Adapter (DAS) 5.0 <b>NOTE:</b> Requires Solaris 2.5 or later Solaris 2.x release.	\$3,775	A	✓	✓ S	✓	✓ S		8 <sup>7</sup>
X1030A	PCMCIA Interface/SBus Card <b>NOTE:</b> Requires Solaris 2.3, Hardware: 5/94 or later.	\$295	A	✓ <sup>2</sup>	✓ S	✓	✓ S		
X1032A	SunSwift (10/100BASE-T) FastEthernet w/ UltraSCSI PCI adapter <b>NOTE:</b> Requires Solaris 2.5 and 2.5.1 SHWP	\$995	A					✓	
X1033A	Sun FastEthernet (10/100BASE-T) w/ MII PCI adapter <b>NOTE:</b> Requires Solaris 2.5 and 2.5.1 SHWP	\$695	A					✓	
X1034A	Sun Quad FastEthernet (QFE) PCI adapter <b>NOTE:</b> Requires Solaris 2.5 and 2.5.1 SHWP	\$1,795	A					✓	
X1035A	Sun FDDI/PCI, SAS adapter 1.0 <b>NOTE:</b> Requires Solaris 2.5.1 hardware 4/97 or later; a Sun PCI desktop or server.	\$2,295	A					✓	
X1036A	Sun FDDI/PCI, DAS adapter 1.0 <b>NOTE:</b> Requires Solaris 2.5.1 hardware 4/97 or later; a Sun PCI desktop or server.	\$3,395	A					✓	
X1039A	Sun Token Ring Interface (TRI) PCI adapter 1.0 <b>NOTE:</b> Requires Solaris 2.5.1 hardware 4/97 or later; a Sun PCI desktop or server.	\$1,195	A					✓	
X1040A	Sun High-Speed Serial Interface (HSI) PCI adapter 1.0 <b>NOTE:</b> Requires Solaris 2.5.1 hardware 4/97 or later; a Sun PCI desktop or server.	\$1,995	A					✓	
X1041A	Sun Serial Asynchronous Interface (SAI) PCI adapter 1.0 <b>NOTE:</b> Requires Solaris 2.5.1 hardware 4/97 or later; a Sun PCI desktop or server.	\$995	A					✓	
X1042A	Quad Fast Ethernet SBus Card (QFE)	\$1,995	A	✓ <sup>1</sup>	✓ S	✓	✓ S		8 <sup>7</sup>
X1044A	Sun GigabitEthernet PCI adapter <b>NOTE:</b> Requires Solaris 2.5 and 2.5.1 SHWP	\$2,095	A					✓	
(X)1045A	Alteon Gigabit Ethernet Network Interface Card	\$2,295	A						
X1046A	Gigabit Ethernet Switch	\$9,995	A						
X1052A	SBus Fast Differential SCSI-2 / Buffered Ethernet Card (DSBE/S).	\$1,095	A						21
X1053A	SBus Fast SCSI / Buffered Ethernet Card (FSBE/S)	\$1,095	A	✓	✓ S	✓	✓ S		15 <sup>7</sup>

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X1054A	SBus SCSI/BUFFERED ETHERNET CARD (SBE/S)	\$1,095	A	✓	✓ S	✓	✓ S		
X1055A	SBus SCSI Host Adapter	\$495	A	✓	✓ S	✓	✓ S		
X1059A	SunFastEthernet 10/100 SBus Adapter 2.0 SBus Card, and Solaris 1.x Driver <b>NOTE:</b> Requires Solaris 1.1.2, or Solaris 2.5 or later.	\$795	A	✓	✓ S	✓	✓ S		15 <sup>7</sup>
X1060A	SunATM-155/MFiber SBus Adapter 2.0 <b>NOTE:</b> Requires Solaris 2.4, Hardware: 11/94 or later.	\$1,295	A	✓	✓ S	✓	✓ S		15
X1061A	SunATM-155/UTP5 SBus Adapter 2.0 <b>NOTE:</b> Requires Solaris 2.4, Hardware: 11/94 or later.	\$995	A	✓	✓ S	✓	✓ S		15
X1062A	SBus Fast/Wide Differential Intelligent SCSI-2 Host Adapter (DWIS/S) <b>NOTE:</b> Requires Solaris 2.3 or later.	\$1,295	A		✓ S	✓	✓ S		21 <sup>7</sup>
X1063A	SBus Single-Ended Fast/Wide Intelligent SCSI-2 Host Adapter (SWIS/S) <b>NOTE:</b> Requires Solaris 2.3 or later.	\$1,195	A	✓	✓ S	✓	✓ S		15 <sup>7</sup>
X1064A	SunATM-622/MFiber SBus Adapter <b>NOTE:</b> Requires Solaris 2.4, Hardware: 11/94 or later and two available SBus slots.	\$4,995	A		✓ S	✓	✓ S		4
X1065A	SBus Ultra Differential Fast/Wide Intelligent Host Adapter (DWIS/S).	\$1,295	A						15 <sup>7</sup>
X1085A	SunVideo video capture and compression SBus board <b>NOTE:</b> Requires Solaris 2.3, Hardware: 5/94 or later.	\$1,495	A	✓ <sup>2</sup>	✓	✓	✓		
X1129A-4.1-P	SunPC 133-MHz 5X86 card with SunPC 4.1 software. <b>NOTE:</b> Requires Solaris 2.3 or later and a system with a minimum of 32MB RAM (48MB recommended).	\$595	A	✓	✓ S	✓	✓ S		
X1187A	167 MHz CPU module with 0.5MB cache for Ultra 2. <b>NOTE:</b> Second CPU module must be of the same speed as the first one.	\$5,000	A				✓ S		
X1188A	200 MHz CPU module with 1MB cache for Ultra 2. <b>NOTE:</b> Second CPU module must be of the same speed as the first one.	\$9,000	A				✓ S		
X1191A	UltraSPARC-I 300MHz processor module with 2MB cache for Ultra2	\$10,000					✓ S		
(X)2510A	UltraSPARC module, 167 MHz, 1MB external cache. <b>NOTE:</b> Mixing of 167 & 250MHz modules in a single system is not supported.	\$12,000	A						14
(X)2530A	UltraSPARC module, 250 MHz, 1MB external cache. <b>NOTE:</b> Mixing of 167 & 250MHz modules in a single system is not supported.	\$16,000	A						14
(X)2601A	CPU/memory board, 2 empty CPU slots, 2 empty 4MB modules <b>NOTE:</b> 1 CPU/memory board supports 2 memory expansion options & 2 UltraSPARC modules.	\$9,000	A						4
(X)2620A	Graphics I/O Board with 1 UPA slot, 2 empty SBus slots, 2 empty 25 MB/sec. Fibre Channel sockets, 1 Fast/Wide SCSI interface, and one 10/100 MB/sec. Ethernet (Twisted Pair or MII) interface.	\$7,000	A						7

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X3500A	Type 5 Country Kit - North American PC-101 style (U.S. or Canada only)	N/C	-	✓	✓	✓	✓	✓	✓
X3540A	Type 5 Country Kit - North American UNIX (U.S. or Canada only)	N/C	-	✓	✓	✓	✓	✓	✓
(X)3653A	Creator, Series 1, 24-bit color, single-buffered graphics accelerator, horizontal board orientation & cable	\$1,550	A			✓	✓ S		
(X)3654A	Creator3D, Series 1, 24-bit color, double-buffered graphics accelerator, horizontal board orientation & cable	\$2,550	A			✓	✓ S		
(X)3655A	TurboGXplus frame buffer & cable	\$2,050	A	✓	✓ S	✓	✓ S		
X3658A	Creator, Series 2, 24-bit color, single-buffered graphics accelerator, vertical board orientation & cable <b>NOTE:</b> Requires Solaris 2.5.1 hardware 4/97 or later	\$1,550	A					✓	
X3659A	Creator3D, Series 2, 24-bit color, double-buffered graphics accelerator, vertical board orientation & cable <b>NOTE:</b> Requires Solaris 2.5.1 hardware 4/97 or later	\$2,550	A					✓	
(X)3660A	PGX 8-bit color frame buffer PCI adapter & cable <b>NOTE:</b> Requires Solaris 2.5.1 hardware 4/97 or later	\$1,050	A					✓	
X3860A	Fast/Narrow SCSI-2 cable for Ultra 2 X-options.	\$25	A				✓ S		
(X)3872A	Video Connector adapter, HD-15F to 13W3M	\$45	A						
X5151A <sup>4,6</sup>	2.1GB 7200 RPM Fast Wide SCSI-2 Disk UniPack with 68-68 pin SCSI cable	\$1,175	A*		S	✓	✓ S	✓	4 <sup>3</sup>
X5152A <sup>5,6</sup>	2.1GB 7200 RPM Fast Wide SCSI-2 Disk UniPack with 50-68 pin SCSI cable	\$1,175	A*	✓ <sup>3</sup>	✓ S <sup>3</sup>				
(X)5161A	4.2GB Disk Board with 2 x 2.1GB 7200 RPM Fast/Wide SCSI Disk Drives.	\$3,700	A*						4
X5175A	2.1GB 5400 RPM Internal Fast/Wide SCSI-2 SC Expansion Disk	\$800	A*		✓ S				
X5209A <sup>4,6</sup>	4.2GB 7200 RPM Fast/Wide SCSI-2 Disk UniPack with 68-68 pin SCSI cable <b>NOTE:</b> Requires Solaris 2.3 or later. Not supported on Solaris 1.x.	\$1,675	A*		S <sup>3</sup>	✓	✓ S	✓	4 <sup>3</sup>
X5213A <sup>5,6</sup>	4.2GB 7200 RPM Fast/Wide SCSI-2 Disk UniPack with 50-68 pin SCSI cable <b>NOTE:</b> Requires Solaris 2.3 or later. Not supported on Solaris 1.x.	\$1,625	A*	✓ <sup>3</sup>	✓ S <sup>3</sup>				
X5214A	4.2GB Internal 7200 RPM Fast/Wide SCSI-2 Disk Drive for Ultra Enterprise and MultiPack configurations.	\$1,400	A*			✓	✓ S	✓	
X5251A	9.1GB Internal 7200 RPM Fast/Wide SCSI-2 Disk Drive for Ultra Enterprise and MultiPack configurations.	\$2,320	A*			✓	✓	✓	
X5253A <sup>4,6</sup>	9GB 7200 RPM Fast/Wide SCSI-2 Disk UniPack with 68-68 pin SCSI cable <b>NOTE:</b> Requires Solaris 2.3 or later. Not supported on Solaris 1.x.	\$2,545	A*		S <sup>3</sup>	✓	✓ S	✓	4
X5254A <sup>5,6</sup>	9GB 7200 RPM Fast/Wide SCSI-2 Disk UniPack with 50-68 pin SCSI cable <b>NOTE:</b> Requires Solaris 2.3 or later. Not supported on Solaris 1.x.	\$2,545	A*	✓ <sup>3</sup>	✓ S <sup>3</sup>				
X5511A <sup>6</sup>	4.2GB (2 x 2.1GB) 7200 RPM SCSI-2 SPARCstorage MultiPack with 68-68 pin SCSI cable <b>NOTE:</b> Requires Solaris 2.3 or later. X902A recommended for WS4000.	\$2,900	A*	✓ <sup>3</sup>	✓ S <sup>3</sup>	✓	✓ S	✓	6
X5512A <sup>6</sup>	12.6GB (6 x 2.1GB) 7200 RPM SCSI-2 SPARCstorage MultiPack with 68-68 pin SCSI cable <b>NOTE:</b> Requires Solaris 2.3 or later. X902A recommended for WS4000.	\$6,700	A*	✓ <sup>3</sup>	✓ S <sup>3</sup>	✓	✓ S	✓	6

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X5513A <sup>6</sup>	25.2GB (12 x 2.1GB) 7200 RPM SCSI-2 SPARCstorage MultiPack with 68-68 pin SCSI cable <b>NOTE:</b> Requires Solaris 2.3 or later. X902A recommended for WS4000.	\$12,400	A*	✓ <sup>3</sup>	✓ S <sup>3</sup>	✓	✓ S	✓	6
X5514A <sup>6</sup>	8.4GB (2 x 4.2GB) 7200 RPM SCSI-2 SPARCstorage MultiPack with 68-68 pin SCSI cable <b>NOTE:</b> Requires Solaris 2.4 or later. X902A recommended for WS4000.	\$3,700	A*	✓ <sup>3</sup>	✓ S <sup>3</sup>	✓	✓ S	✓	6
X5515A <sup>6</sup>	25.2GB (6 x 4.2GB) 7200 RPM SCSI-2 SPARCstorage MultiPack with 68-68 pin SCSI cable <b>NOTE:</b> Requires Solaris 2.4 or later. X902A recommended for WS4000.	\$9,400	A*	✓ <sup>3</sup>	✓ S <sup>3</sup>	✓	✓ S	✓	6
X5516A <sup>6</sup>	50.4GB (12 x 4.2GB) 5400 RPM SCSI-2 SPARCstorage MultiPack with 68-68 pin SCSI cable <b>NOTE:</b> Requires Solaris 2.4 or later. X902A recommended for WS4000.	\$17,800	A*	✓ <sup>3</sup>	✓ S <sup>3</sup>	✓	✓ S	✓	6
X6001A	Internal 1.44MB Floppy Disk Drive for Ultra 1.	\$150	A*		✓ S	✓			
X6002A	Internal 1/2" high 1.44MB floppy disk drive for SPARCstation 4, 5, and 20.	\$150	A*	✓					
X6003A	Internal 1.44MB Floppy Disk Drive with cable for Ultra 2.	\$150	A				✓ S		
X6004A	Internal 1.44MB Floppy Disk Drive with manual eject for Ultra 30	\$150	A					✓	
(X)6055A(R5) <sup>8</sup>	20-40GB SPARCstorage DLT4000 Tape Drive <b>NOTE:</b> Requires Solaris 2.4 or later.	\$6,400	A						12
(X)6056A(R5) <sup>8</sup>	20-40GB SPARCstorage DLT4000 Tape Drive with Multi-Tape Backup Tray <b>NOTE:</b> Requires Solaris 2.4 or later.	\$8,400	A						4
(X)6057A <sup>4</sup>	20-40GB DLT4000 FlexiPack tape with 68-68pin SCSI cable	\$6,900	A				S		4
(X)6058A <sup>5</sup>	20-40GB DLT4000 FlexiPack tape with 50-68pin SCSI cable	\$6,900	A		✓ S				
(X)6060A <sup>4</sup>	35-70GB DLT7000 FlexiPack tape with 68-68pin SCSI cable	\$10,900	A				S		4
X6061A <sup>5</sup>	35-70GB DLT7000 FlexiPack tape with 50-68pin SCSI cable	\$10,900	A		S				
(X)6062A	35-70GB DLT7000 FlexiPack for use in FlexiPack removable storage tray	\$10,900	A						16
X6063A	DLT7000 drive option for the ETL 4/1800 and ETL 7/3500 <b>NOTE:</b> Requires Solaris 2.5 or higher; X979A for every two drives ordered	\$13,500	A	For the ETL 4/1800 and ETL 7/3500					
X6071A <sup>6</sup>	SPARCstorage DLT4700 tape autoloader in external desktop enclosure w/ 50-68 & 68-68 pin SCSI cables <b>NOTE:</b> Requires Solaris 2.4 or later.	\$16,000	A		S		S		4
X6073A	ETL 4/1800, 2 DLT7000 drives <b>NOTE:</b> Requires Solaris 2.5 or higher; DWIS/S host adapter for every 2 drives ordered.	\$72,000	A		✓ S	✓	✓ S	✓	2
X6074A	ETL 4/1800, 4 DLT7000 drives <b>NOTE:</b> Requires Solaris 2.5 or higher; DWIS/S host adapter for every 2 drives ordered.	\$99,000	A		✓ S	✓	✓ S	✓	2
X6075A	ETL 7/3500, 2 DLT7000 drives <b>NOTE:</b> Requires Solaris 2.5 or higher; DWIS/S host adapter for every 2 drives ordered.	\$85,000	A		✓ S	✓	✓ S	✓	2

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X6076A	ETL 7/3500, 7 DLT7000 drives <b>NOTE:</b> Requires Solaris 2.5 or higher; DWIS/S host adapter for every 2 drives ordered.	\$152,500	A		✓ S	✓	✓ S	✓	2
X6101A <sup>4,6</sup>	2.5GB QIC Tape UniPack with 68-68 pin SCSI cable	\$1,125	A		S	✓	✓ S	✓	4
X6102A <sup>5,6</sup>	2.5GB QIC Tape UniPack with 50-68 pin SCSI cable	\$1,125	A	✓	✓ S				
(X)6104A	1/4" 2.5GB Internal Tape Drive	\$900	A						✓
X6154A	1.6-inch internal SunCD 4 drive for SPARCstation 5 and 20 only.	\$300	A*	✓					
X6157A <sup>4,6</sup>	SunCD 12 SPARCstorage UniPack with 68-68 SCSI cable <b>NOTE:</b> Requires Solaris 1.1.1 or later, or Solaris 2.4 or later.	\$525	A*		S	✓	✓ S	✓	4
X6158A <sup>5,6</sup>	SunCD 12 SPARCstorage UniPack with 50-68 SCSI cable <b>NOTE:</b> Requires Solaris 1.1.1 or later, or Solaris 2.4 or later.	\$525	A*	✓	✓ S				
X6159A <sup>4</sup>	SunCD 12 FlexiPack with 68-68pin SCSI cable & 1 additional open half-height expansion bay	\$700	A*			✓	✓ S	✓	2
X6160A <sup>5</sup>	SunCD 12 FlexiPack with 50-68pin SCSI cable & 1 additional open half-height expansion bay	\$700	A*	✓	✓ S				
X6161A	SunCD 12 Internal CD-ROM drive for the FlexiPack	\$300	A	✓	✓ S	✓	✓ S	✓	
X6163A	SunCD 12 internal CD-ROM drive for Ultra 2 and Enterprise 2	\$300	A				✓ S		
X6208A <sup>4,6</sup>	14GB 8mm UniPack tape with 68-68pin SCSI cable	\$2,625	A		S	✓	✓ S	✓	4
X6209A <sup>5,6</sup>	14GB 8mm UniPack tape with 50-68pin SCSI cable	\$2,625	A	✓	✓ S				
X6210A <sup>4</sup>	14GB 8mm FlexiPack tape with 68-68pin SCSI cable and 1 additional open half-height expansion bay	\$2,900	A			✓	✓ S	✓	2
X6211A <sup>5</sup>	14GB 8mm FlexiPack tape with 50-68pin SCSI cable and 1 additional open half-height expansion bay	\$2,900	A	✓	✓ S				
X6212A	14GB 8mm internal tape for Ultra1/Ultra2/FlexiPack <b>NOTE:</b> For Ultra 2 platform, also order X3860A to attach internal storage peripherals. For server platforms, CD-ROM must be removed.	\$2,400	A		✓ S	✓	✓ S	✓	
(X)6213A	14GB 8mm internal tape option for Enterprise 3000 & 4000	\$2,400	A						✓
X6225A <sup>6</sup>	400-800GB 8mm SPARCstorage Library Model 8/400, External Deskside Unit. <b>NOTE:</b> Requires Solaris 2.5 or later and DWIS/S Host Adapter. Requires Solstice Backup 4.2, the Turbo Module, and the 1-64 slot capacity Jukebox Software Module license to run in a random-access mode and access the bar-code reader functions.	\$26,000	A		S		S		4
(X)6226A(R5) <sup>8</sup>	400GB 8mm SPARCstorage Library, Model 8/400, Rack-Mountable Unit with Tape Drives, in dark grey color. <b>NOTE:</b> Requires DWIS/S host adapter & Solaris 2.5 or later.	\$26,000	A						4
X6227A <sup>6</sup>	140GB 8mm SPARCstorage Library with 1 internal drive in floorstanding tower unit <b>NOTE:</b> Requires Solaris 2.3 or later.	\$8,500	A*	✓ <sup>3</sup>	✓ S <sup>3</sup>	✓	✓ S	✓	4
(X)6228A(R5) <sup>8</sup>	140GB 8mm SPARCstorage Library with 1 internal drive in rackmount unit	\$8,500	A						4

<sup>1</sup> Solaris 2.3 Hardware: 5/94 or later required.

<sup>2</sup> Solaris 2.3 Hardware: 5/94 or later required. Also supported on SS5 with Solaris 2.3 Ed. II.

<sup>3</sup> SWIS/S host adapter with Solaris 2.3 or later required for wide SCSI functionality.

<sup>4</sup> 68-68pin cables are required to connect a UniPack to another UniPack or to a wide SCSI host adapter.

<sup>5</sup> 50-68pin cables are required to connect a UniPack to a 50pin SCSI host adapter or desktop storage or disk pack.

<sup>6</sup> For use outside of N.A., Europe, or Asia, order a localized power cord at no charge.

<sup>7</sup> An "X" in front of an Order Number signifies a standalone order for existing systems.

<sup>8</sup> Append "R4" in back of an Order Number for factory-installation in Expansion Cabinet.

## Workstations & Workgroup Servers Option Compatibility & Pricing

- Maximum number of options supported, where available, is listed instead of “✓” mark. An “S” signifies compatibility with the server configuration.

Option	Description	List Price	Discount Category	SS 5	Ultra 1 170	Ultra 1 170E, 200E	Ultra 2	Ultra 30	Ultra 4000
X6229A	14GB 8mm internal tape option for 140GB 8mm tape libraries <b>NOTE:</b> Requires Solaris 2.3 or later.	\$2,700	A						
X6230A <sup>4,6</sup>	20-40GB 8mm SPARCstorage UniPack with 68-68 pin SCSI cable. <b>NOTE:</b> Requires Solaris 2.5 or later.	\$6,625	A		S	✓	✓ S	✓	8 <sup>3</sup>
X6231A <sup>5,6</sup>	20-40GB 8mm SPARCstorage UniPack with 50-68 pin SCSI cable. <b>NOTE:</b> Requires Solaris 2.5 or later.	\$6,625	A	✓ <sup>3</sup>	✓ S <sup>3</sup>				
X6232A <sup>4</sup>	20-40MB 8mm FlexiPack tape with 68-68pin SCSI cable & 1 additional open half-height expansion bay <b>NOTE:</b> Requires Solaris 2.5 or later.	\$6,900	A			✓	✓ S	✓	2 <sup>3</sup>
X6233A <sup>5</sup>	20-40MB 8mm FlexiPack tape with 50-68pin SCSI cable & 1 additional open half-height expansion bay <b>NOTE:</b> Requires Solaris 2.5 or later.	\$6,900	A	✓ <sup>3</sup>	✓ S <sup>3</sup>				
(X)6235A	20-40GB 8mm internal tape drive for Enterprise 4000 with cable	\$6,400	A						✓
X6236A	20-40GB 8mm internal tape drive for the FlexiPack <b>NOTE:</b> Requires Solaris 2.5 or later.	\$6,400	A	✓	✓ S	✓	✓ S	✓	
(X)6237A	Two 20-40GB 8mm FlexiPack tape drives for FlexiPack removable storage tray	\$13,300	A						16
X6261A <sup>4,6</sup>	4-8GB 4mm DDS-2 UniPack with 68-68pin SCSI cable	\$1,475	A		S	✓	✓ S	✓	4
X6262A <sup>5,6</sup>	4-8GB 4mm DDS-2 UniPack with 50-68pin SCSI cable	\$1,475	A	✓	✓ S				
X6263A <sup>4</sup>	4-8GB 4mm DDS-2 FlexiPack with 68-68pin SCSI cable & 1 additional open half-height expansion bay	\$1,750	A			✓	✓ S	✓	2
X6264A <sup>5</sup>	4-8GB 4mm DDS-2 FlexiPack with 50-68pin SCSI cable & 1 additional open half-height expansion bay	\$1,750	A	✓	✓ S				
X6265A	4-8GB 4mm DDS-2 FlexiPack internal tape drive for the FlexiPack	\$1,250	A	✓	✓ S	✓	✓ S	✓	
X6280A <sup>4,6</sup>	12-24GB 4mm DDS-3 Unipack with 68-68 pin SCSI cable <b>NOTE:</b> Requires Solaris 1.1.2 or later, or Solaris 2.4 or later. Supported by Solstice Backup 4.2.	\$2,350	A		S	✓	✓ S	✓	4
X6281A <sup>5,6</sup>	12-24GB 4mm DDS-3 Unipack with 50-68 pin SCSI cable <b>NOTE:</b> Requires Solaris 1.1.2 or later, or Solaris 2.4 or later. Supported by Solstice Backup 4.2.	\$2,350	A	✓	✓ S				
X6282A	12-24GB 4mm DDS-3 Internal Drive for Ultra 1 and 2. <b>NOTE:</b> Requires Solaris 2.4 or later. Supported by Solstice Backup 4.2. When ordering an Ultra 2, SCSI cable X3860A must also be ordered.	\$2,125	A		✓ S	✓	✓ S	✓	
(X)6283A	12-24GB 4mm DDS-3 Internal Drive for E3000 and E4000 <b>NOTE:</b> Requires Solaris 2.4 or later. Supported by Solstice Backup 4.2.	\$2,125	A						✓
X6284A <sup>4</sup>	12-24GB 4mm DDS-3 FlexiPack tape with 68-68pin SCSI cable and 1 additional open half-height expansion bay	\$2,625	A			✓	✓ S	✓	2
X6285A <sup>5</sup>	12-24GB 4mm DDS-3 FlexiPack tape with 50-68pin SCSI cable and 1 additional open half-height expansion bay	\$2,625	A	✓ <sup>3</sup>	✓ S <sup>3</sup>				
X6290A <sup>4</sup>	72-144GB 4mm DDS-3 FlexiPack autoloader tape with 68-68pin SCSI cable	\$5,950	A			✓	✓ S	✓	4

<sup>1</sup> Solaris 2.3 Hardware: 5/94 or later required.

<sup>2</sup> Solaris 2.3 Hardware: 5/94 or later required. Also supported on SS5 with Solaris 2.3 Ed. II.

<sup>3</sup> SWIS/S host adapter with Solaris 2.3 or later required for wide SCSI functionality.

<sup>4</sup> 68-68pin cables are required to connect a UniPack to another UniPack or to a wide SCSI host adapter.

<sup>5</sup> 50-68pin cables are required to connect a UniPack to a 50pin SCSI host adapter or desktop storage or disk pack.

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## Workstations & Workgroup Servers Option Compatibility & Pricing

- Maximum number of options supported, where available, is listed instead of “✓” mark. An “S” signifies compatibility with the server configuration.

Option	Description	List Price	Discount Category	SS 5	Ultra 1 170	Ultra 1 170E, 200E	Ultra 2	Ultra 30	Ultra 4000
X6291A <sup>5</sup>	72-144GB 4mm DDS-3 FlexiPack autoloader tape with 50-68pin SCSI cable	\$5,950	A	✓	✓S				
(X)6292A(R5) <sup>8</sup>	72-144GB 4mm DDS-3 tape autoloader with MTBT	\$7,450	A						4
(X)6293A(R5) <sup>8</sup>	72-144GB 4mm DDS-3 tape autoloader for multi-tape backup tray	\$5,450	A						12
(X)6517A(R4) <sup>1</sup>	25.2GB (6x4.2GB, 7200 RPM fast/wide SCSI-2 SC disks) SPARCstorage Array w/ Fibre Channel Cable	\$24,100	A	✓	✓	✓	✓		✓
(X)6518A(R4) <sup>1</sup>	75.6GB (18x4.2GB, 7200 RPM fast/wide SCSI-2 SC disks) SPARCstorage Array w/ Fibre Channel Cable	\$41,500	A	✓	✓	✓	✓		✓
(X)6519A(R4) <sup>1</sup>	126GB (30x4.2GB, 7200 RPM fast/wide SCSI-2 SC disks) SPARCstorage Array w/ Fibre Channel Cable	\$58,900	A	✓	✓	✓	✓		✓
X6520A	2.1GB Internal 7200 RPM SCSI expansion disk	\$950	A*			✓	✓ S	✓	
X6527A	18.2GB MultiPack 2 (2x9.1) <i>NOTE:</i> Requires Solaris 2.3 or later; UltraSCSI, F/W or F/N host interface; must be connect to Ultra 30 SCSI interface or UltraSCSI host adapter for UltraSCSI performance. At UltraSCSI speeds, only 1 MultiPack 2 allowed.	\$5,640	A*	✓ <sup>3</sup>	✓ S <sup>3</sup>	✓	✓ S	✓	6
X6528A	36.4GB MultiPack 2 (4x9.1) <i>NOTE:</i> See X6527A	\$10,280	A*	✓ <sup>3</sup>	✓ S <sup>3</sup>	✓	✓ S	✓	6
X6529A	54.6GB MultiPack 2 (6x9.1) <i>NOTE:</i> See X6527A	\$14,920	A*	✓ <sup>3</sup>	✓ S <sup>3</sup>	✓	✓ S	✓	6
(X)6590A(R4) <sup>1</sup>	12.6GB (6x2.1GB, 7200 RPM fast/wide SCSI-2 SC disks) SPARCstorage Array w/ Fibre Channel Cable	\$21,400	A	✓	✓	✓	✓		✓
(X)6591A(R4) <sup>1</sup>	37.8GB (18x2.1GB, 7200 RPM fast/wide SCSI-2 SC disks) SPARCstorage Array w/ Fibre Channel Cable	\$33,400	A	✓	✓	✓	✓		✓
(X)6592A(R4) <sup>1</sup>	63GB (30x2.1GB, 7200 RPM fast/wide SCSI-2 SC disks) SPARCstorage Array w/ Fibre Channel Cable	\$45,400	A	✓	✓	✓	✓		✓
X6593A	176.4GB (42x4.2GB, 7200 RPM drives) SPARCstorage Array Model 214 RSM w/ 6 SPARCstorage RSM 7-drive trays in an Enterprise Expansion Cabinet	\$116,100	A		✓	✓	✓		✓
X6594A	75.6GB (18x4.2GB, 7200 RPM drives) SPARCstorage Array Model 214 RSM w/ 6 SPARCstorage RSM 3-drive trays in an Enterprise Expansion Cabinet	\$78,900	A		✓	✓	✓		✓
X6595A	Pre-configured 18-drive, 164GB SPARCstorage Array Model 219 RSM w/ 6 SPARCstorage RSM 3-drive trays in an Enterprise Expansion Cabinet	\$95,460	A		✓	✓	✓		✓
X6596A	Pre-configured 42-drive, 382GB SPARCstorage Array Model 219 RSM w/ 6 SPARCstorage RSM 7-drive trays in an Enterprise Expansion Cabinet	\$154,740	A		✓	✓	✓		✓
X7002A	64MB SIMM expansion (2 x 32MB SIMMs) <i>NOTE:</i> SPARCstation 20 memory is supported on Ultra 1 systems if it is in pairs of identical SIMMs. Order two each for Ultra 2 systems; SIMMs need to be upgraded in groups of four.	\$1,000	A*		✓ S	✓ S	✓ S	✓	
X7003A	128MB SIMM expansion (2 x 64MB SIMMs) <i>NOTE:</i> SPARCstation 20 memory is supported on Ultra 1 systems if it is in pairs of identical SIMMs. Order two each for Ultra 2 systems; SIMMs need to be upgraded in groups of four.	\$2,000	A*		✓ S	✓ S	✓ S	✓	

<sup>1</sup> Solaris 2.3 Hardware: 5/94 or later required.

<sup>2</sup> Solaris 2.3 Hardware: 5/94 or later required. Also supported on SS5 with Solaris 2.3 Ed. II.

<sup>3</sup> SWIS/S host adapter with Solaris 2.3 or later required for wide SCSI functionality.

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## Workstations & Workgroup Servers Option Compatibility & Pricing

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Option	Description	List Price	Discount Category	SS 5	Ultra 1 170	Ultra 1 170E, 200E	Ultra 2	Ultra 30	Ultra 4000
X7004A	256MB memory expansion (2 x 128MB SIMMs) <b>NOTE:</b> SPARCstation 20 memory is supported on Ultra 1 systems if it is in pairs of identical SIMMs. Order two each for Ultra 2 systems; SIMMs need to be upgraded in groups of four.	\$7,500	A*		✓ S	✓ S	✓ S	✓	
(X)7022A	256MB ECC memory expansion (8 x 32MB SIMMs) <b>NOTE:</b> 1 memory expansion occupies 1 memory bank (8 SIMMs). Mixing memory options is supported if all SIMMs in one memory bank are the same.	\$4,750	A*						✓
(X)7023A	1GB ECC memory expansion (8 x 128MB SIMMs) <b>NOTE:</b> 1 memory expansion occupies 1 memory bank (8 SIMMs). Mixing memory options is supported if all SIMMs in one memory bank are the same.	\$48,500	A*						✓
X7103A	17" Entry Level Color Monitor	\$900	A	✓	✓ S	✓	✓ S	✓	4 <sup>7</sup>
(X)7110A	TurboGX frame buffer & cable	\$1,050	A	✓	✓ S	✓	✓ S		4
X7124A	24" wide-screen color monitor, 96 KHz, DDC1/2B, MPR-II, TCO '92, 1920x1200 @70Hz <b>NOTE:</b> Requires Creator3D or PGX graphics	\$4,000	A		S		S	✓	
(X)9641A	SPARCstorage FlexiPack Removable storage tray	\$350	A						8
UG-MON-17	Monitor upgrade to 17" color monitor. Customer must return current Sun monitor.	\$1,095	A	✓	✓	✓	✓	✓	✓
UG-MON-20	Monitor upgrade to 20" color monitor. Customer must return current Sun monitor.	\$1,745	A	✓	✓	✓	✓	✓	✓
UG-MON-24	Monitor upgrade to 24" color monitor. Customer must return current Sun monitor.	\$2,995	A	✓	✓	✓	✓	✓	✓
<b>GRAPHICS UPGRADES</b>									
UG-FFB-FFB2DB-V	Any Creator graphics upgrade to Creator3D, Series 2, 24-bit color, double-buffered graphics accelerator, vertical board orientation & cable	\$1,950	A					✓	
UG-FFB-FFB2SB-V	Any Creator graphics upgrade to Creator, Series 2, 24-bit color, single-buffered graphics accelerator, vertical board orientation & cable	\$1,150	A					✓	
UG-GX-TX1	Color or GX frame buffer SBus upgrade to 1MB single-slot TurboGX SBus card	\$760	A	✓	✓				
UG-TX1-TX4	TurboGX to TurboGXplus graphics board upgrade for SPARCstation 5	\$1,295	A	✓					
UG-ZX/FFB-SB-DB-S	Graphics upgrade from ZX or Creator to Creator3D graphics 75 MHz frame buffer	\$1,795	A			✓	✓	✓	✓

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